

Application No. UNKNOWN

Preliminary Amendment Dated July 14, 2003

Reply to Final Office Action in ASN 09/439,879 dated June 5, 2003

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Please amend Claim 1 as follows:

1. (Currently Amended) ~~An injection~~ A device for injecting a fluid into a living being, said device comprising:

a housing having a penetrating member aperture having a first longitudinal axis;

a port in said housing that receives a standard rigid container that contains ~~a an injectable~~ drug, said port having a second longitudinal axis;

compression means for manually pressurizing the drug in the standard container;

a ~~first~~ penetrating member moveable from a storage position in the housing to an injection position extending outside the housing through the aperture; ~~and~~

a channel that brings said penetrating member into fluid communication with the ~~first~~ container;

a penetrating member retraction mechanism for retracting said penetrating member into said housing after delivering the drug; and

wherein said first longitudinal axis and said second longitudinal axis are not parallel nor coaxial.

Application No. UNKNOWN

Preliminary Amendment Dated July 14, 2003

Reply to Final Office Action in ASN 09/439,879 dated June 5, 2003

Please amend Claim 2 as follows:

2. (Currently Amended) The ~~injection~~ device of Claim 1 wherein the channel comprises a fluid pathway in a manifold, the manifold further comprising a second channel to transfer the ~~injectable~~ drug from the housing to the ~~user~~ living being.

Please amend Claim 3 as follows:

3. (Currently Amended) The ~~injection~~ device of Claim 1 further comprising an actuator that displaces the penetrating member from the storage position to ~~the~~ an injection position.

Please amend Claim 4 as follows:

4. (Currently Amended) The ~~injection~~ device of Claim 3 wherein the actuator includes a plunger mechanism on a first housing surface that displaces said ~~first~~ penetrating member through the aperture on a second housing surface between the storage position and the injection position ~~system~~.

Please cancel Claims 5-7.

5. (Cancelled).

6.(Cancelled).

7. (Cancelled).

Please amend Claim 8 as follows:

8. (Currently Amended) The ~~injection~~ device of Claim 1 wherein the penetrating member extends in the range of 5-12 millimeters out of said housing in an ~~said~~ injection position for a subcutaneous injection.

Application No. UNKNOWN

Preliminary Amendment Dated July 14, 2003

Reply to Final Office Action in ASN 09/439,879 dated June 5, 2003

Please amend Claim 9 as follows:

9. (Currently Amended) The ~~injection~~ device of Claim 1 wherein the penetrating member extends up to about 3 cm. out of said housing in an said injection position for an intermuscular injection.

Please amend Claim 10 as follows:

10. (Currently Amended) A drug injection device comprising:

a housing having a port that receives a standard container of ~~injectable~~ fluid, said port comprising a longitudinal axis;

a manually-driven pressurizing mechanism that pressurizes the container to move the ~~injectable~~ fluid; and

a penetrating member moveable, along a displacement axis, from a storage position in the housing to an injection position extending outside the housing by manual operation, the said penetrating member being in fluid communication with the container; and

wherein said longitudinal axis and said displacement axis are not parallel nor coaxial.

11. (Original) The device of Claim 10 further comprising a sealing member to maintain the injectable fluid in an upper end of the housing.

12. (Original) The device of Claim 11 wherein the sealing member further comprises a membrane that is gas impermeable.

Application No. UNKNOWN
Preliminary Amendment Dated July 14, 2003
Reply to Final Office Action in ASN 09/439,879 dated June 5, 2003

Please cancel Claim 13.

13.(Cancelled).

Please amend Claim 14 as follows:

14. (Currently Amended) The device of Claim 10 further comprising an actuator that displaces the ~~injection~~ penetrating member between the storage position and an ~~the~~ injection position.

15. (Currently Amended) A method of drug delivery comprising the steps of:

providing a housing having a first port that receives a ~~first~~ standard container of ~~injectable~~ fluid along a first axis;

manually pressurizing the fluid in the standard container; and

manually moving an injection penetrating member from a storage position to an injection position along a second axis, the injection penetrating member being in fluid communication with the ~~first~~ standard container.

Please cancel Claims 16-21.

16. (Cancelled).

17. (Cancelled).

18. (Cancelled).

19. (Cancelled).

20.(Cancelled).

21. (Cancelled).